

Title (en)
ARRANGEMENT FOR FLOWING AN EXHAUST AIR THROUGH A HOOD

Title (de)
ANORDNUNG ZUM DURCHSTRÖMEN VON ABLUFT DURCH EINE ABZUGSHAUBE

Title (fr)
AGENCEMENT POUR ÉCOULER UN AIR VICIÉ À TRAVERS UNE HOTTE

Publication
EP 3477207 A1 20190501 (EN)

Application
EP 17198576 A 20171026

Priority
EP 17198576 A 20171026

Abstract (en)
An arrangement (1) for flowing an exhaust air through a paddle box (2), the paddle box (2) is adapted to be placed above a fuel burner (3) adapted to burn a fuel, or a food cooktop (3) adapted to cook food, such that the burning of fuel, or cooking of food generates an exhaust air, the paddle box (2) comprises a hollow structure (4) adapted to channelize the exhaust air through itself, characterized in that the arrangement comprising a pressure change mechanism (5) adapted to change an inside pressure of an inside environment (6) inside the hollow structure to be lower with respect to an environmental pressure of a paddle box environment (7) surrounding the paddle box (2), such that the exhaust air is pushed through the hollow structure (4) of the paddle box, due to a pressure difference between the environmental pressure and the inside pressure.

IPC 8 full level
F24C 15/20 (2006.01)

CPC (source: EP)
F24C 15/2021 (2013.01)

Citation (applicant)

- KR 20140063307 A 20140527 - LEE HWA YONG [KR], et al
- DE 202007017325 U1 20080313 - BRUCKBAUER WILHELM [DE]
- CN 206398810 U 20170811 - FOSHAN JIASHILI KITCHEN AND BATH ELECTRICAL APPLIANCE TECH CO LTD

Citation (search report)

- [X] EP 1070920 A1 20010124 - L N 2 S R L [IT]
- [X] US 2002129809 A1 20020919 - LIESE FRANK [DE]
- [X] US 4741257 A 19880503 - WIGGIN MERLON E [US], et al
- [X] CN 103868120 A 20140618 - XU GUOAN
- [X] CN 105371335 A 20160302 - JIANG YONG
- [X] EP 1452804 A1 20040901 - EGO ELEKTRO GERAETEBAU GMBH [DE]
- [A] WO 2011140490 A1 20111110 - HALTON GROUP LTD OY [FI], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3477207 A1 20190501; TR 201716886 A2 20190521

DOCDB simple family (application)
EP 17198576 A 20171026; TR 201716886 A 20171031